

Re-run

BC #8

8-27-02

RECEIVED<sup>PCT</sup>

AUG 26 2002

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/914,619

DATE: 05/08/2002

TIME: 11:06:26

TECH CENTER 1600/2900

Input Set : N:\paola\US09914619.raw

Output Set: N:\CRF3\05082002\I914619.raw

1 <110> APPLICANT: Biomolecular Engineering Research Institute  
 2 <120> TITLE OF INVENTION: Crystals and structural coordinates of protein complex and utilization of

3 the structural coordinates

4 &lt;130&gt; FILE REFERENCE: 2001-1229A/WMC/0177

5 &lt;140&gt; CURRENT APPLICATION NUMBER: US/09/914,619

6 &lt;141&gt; CURRENT FILING DATE: 2001-08-31

7 &lt;150&gt; PRIOR APPLICATION NUMBER: JP 56905/1999

8 &lt;151&gt; PRIOR FILING DATE: 1999-03-04

9 &lt;150&gt; PRIOR APPLICATION NUMBER: 218691/1999

10 &lt;151&gt; PRIOR FILING DATE: 1999-08-02

11 &lt;160&gt; NUMBER OF SEQ ID NOS: 3

13 &lt;210&gt; SEQ ID NO: 1

14 &lt;211&gt; LENGTH: 175

15 &lt;212&gt; TYPE: PRT

16 &lt;213&gt; ORGANISM: homo sapience

17 &lt;400&gt; SEQUENCE: 1

18 Met Thr Pro Leu Gly Pro Ala Ser Ser Leu Pro Gln Ser Phe Leu Leu  
 19 1 5 10 15

20 Lys Cys Leu Glu Gln Val Arg Lys Ile Gln Gly Asp Gly Ala Ala Leu  
 21 20 25 30

22 Gln Glu Lys Leu Cys Ala Thr Tyr Lys Leu Cys His Pro Glu Glu Leu  
 23 35 40 45

24 Val Leu Leu Gly His Ser Leu Gly Ile Pro Trp Ala Pro Leu Ser Ser  
 25 50 55 60

26 Cys Pro Ser Gln Ala Leu Gln Leu Ala Gly Cys Leu Ser Gln Leu His  
 27 65 70 75 80

28 Ser Gly Leu Phe Leu Tyr Gln Gly Leu Leu Gln Ala Leu Glu Gly Ile  
 29 85 90 95

30 Ser Pro Glu Leu Gly Pro Thr Leu Asp Thr Leu Gln Leu Asp Val Ala  
 31 100 105 110

32 Asp Phe Ala Thr Thr Ile Trp Gln Gln Met Glu Glu Leu Gly Met Ala  
 33 115 120 125

34 Pro Ala Leu Gln Pro Thr Gln Gly Ala Met Pro Ala Phe Ala Ser Ala  
 35 130 135 140

36 Phe Gln Arg Arg Ala Gly Gly Val Leu Val Ala Ser His Leu Gln Ser  
 37 145 150 155 160

38 Phe Leu Glu Val Ser Tyr Arg Val Leu Arg His Leu Ala Gln Pro  
 39 165 170 175

41 &lt;210&gt; SEQ ID NO: 2

42 &lt;211&gt; LENGTH: 215

43 &lt;212&gt; TYPE: PRT

44 &lt;213&gt; ORGANISM: mouse

45 &lt;400&gt; SEQUENCE: 2

ENTERED

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46 Ala Gly Tyr Pro Pro Ala Ser Pro Ser Asn Leu Ser Cys Leu Met His
47 1 5 10 15
48 Leu Thr Thr Asn Ser Leu Val Cys Gln Trp Glu Pro Gly Pro Glu Thr
49 20 25 30
50 His Leu Pro Thr Ser Phe Ile Leu Lys Ser Phe Arg Ser Arg Ala Asp
51 35 40 45
52 Cys Gln Tyr Gln Gly Asp Thr Ile Pro Asp Cys Val Ala Lys Lys Arg
53 50 55 60
54 Gln Asn Asn Cys Ser Ile Pro Arg Lys Asn Leu Leu Leu Tyr Gln Tyr
55 65 70 75 80
56 Met Ala Ile Trp Val Gln Ala Glu Asn Met Leu Gly Ser Ser Glu Ser
57 85 90 95
58 Pro Lys Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro
59 100 105 110
60 Met Leu Gln Ala Leu Asp Ile Gly Pro Asp Val Val Ser His Gln Pro
61 115 120 125
62 Gly Cys Leu Trp Leu Ser Trp Lys Pro Trp Lys Pro Ser Glu Tyr Met
63 130 135 140
64 Glu Gln Glu Cys Glu Leu Arg Tyr Gln Pro Gln Leu Lys Gly Ala Asn
65 145 150 155 160
66 Trp Thr Leu Val Phe His Leu Pro Ser Ser Lys Asp Gln Phe Glu Leu
67 165 170 175
68 Cys Gly Leu His Gln Ala Pro Val Tyr Thr Leu Gln Met Arg Cys Ile
69 180 185 190
70 Arg Ser Ser Leu Pro Gly Phe Trp Ser Pro Trp Ser Pro Gly Leu Gln
71 195 200 205
72 Leu Arg Pro Thr Met Lys Ala
73 210 215
75 <210> SEQ ID NO: 3
76 <211> LENGTH: 215
77 <212> TYPE: PRT
78 <213> ORGANISM: homo sapience
79 <400> SEQUENCE: 3
80 Ala Gly Tyr Pro Pro Ala Ile Pro His Asn Leu Ser Cys Leu Met Asn
81 1 5 10 15
82 Leu Thr Thr Ser Ser Leu Ile Cys Gln Trp Glu Pro Gly Pro Glu Thr
83 20 25 30
84 His Leu Pro Thr Ser Phe Thr Leu Lys Ser Phe Lys Ser Arg Gly Asn
85 35 40 45
86 Cys Gln Thr Gln Gly Asp Ser Ile Leu Asp Cys Val Pro Lys Asp Gly
87 50 55 60
88 Gln Ser His Cys Cys Ile Pro Arg Lys His Leu Leu Leu Tyr Gln Asn
89 65 70 75 80
90 Met Gly Ile Trp Val Gln Ala Glu Asn Ala Leu Gly Thr Ser Met Ser
91 85 90 95
92 Pro Gln Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro
93 100 105 110
94 Met Leu Arg Thr Met Asp Pro Ser Pro Glu Ala Ala Pro Pro Gln Ala
95 115 120 125

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96	Gly Cys Leu Gln Leu Cys Trp Glu Pro Trp Gln Pro Gly Leu His Ile
97	130 135 140
98	Asn Gln Lys Cys Glu Leu Arg His Lys Pro Gln Arg Gly Glu Ala Ser
99	145 150 155 160
100	Trp Ala Leu Val Gly Pro Leu Pro Leu Glu Ala Leu Gln Tyr Glu Leu
101	165 170 175
102	Cys Gly Leu Leu Pro Ala Thr Ala Tyr Thr Leu Gln Ile Arg Cys Ile
103	180 185 190
104	Arg Trp Pro Leu Pro Gly His Trp Ser Asp Trp Ser Pro Ser Leu Glu
105	195 200 205
106	Leu Arg Thr Thr Glu Arg Ala
107	210 215

RAW SEQUENCE LISTING ERROR SUMMARY  
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 2

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/914,619

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